

REMARKS

Claims 1-30 are presently in the application. Of those, claim 12 has been canceled. The above amendments are being made to place the application in better condition for examination.

Reconsideration of the rejection of Claims 11-21 and 25-30 under 35 U.S.C. 102(e) as being anticipated by Kimura et al. (US Patent 7,164,218) is respectfully requested.

Claim 1 is directed to a stator assembly for an electrical machine, comprising a cylindrical housing,
a stator disposed in the housing,
at least one *inward-oriented bead pressed into the housing* and extending in the axial direction (X-X), and
at least one *inward- or outward- oriented bead disposed on the stator (4)* extending in the axial direction, wherein
an *inward-oriented bead is embodied by an indentation (3) in the circumference* of the housing (2) or the stator (4) in a radially inward direction and
an *outward-oriented bead is embodied by a protrusion (3) in the circumference* of the housing (2) or the stator (4) in a radially outward direction.

Kimura et al discloses a stator assembly for an electrical machine, having a housing [11], a stator [12], and at least one bead [at 31] on the stator, connecting points [31] and gap [at 36], a bearing support for an armature shaft 13, and securing openings [18].

Although Kimura et al discloses some of the elements recited in the claims, Kimura et al lacks the recited structural arrangement of the elements of the invention.

More precisely, the invention is distinguished from the prior art cited in that the housing 2 has at least **one inward-oriented bead pressed into the housing embodied by an indentation (3) in the circumference of the housing (2) in a radially inward direction** AND at least one inward-oriented bead embodied by an indentation (3) in the circumference of the housing of the stator or at least one outward-oriented bead embodied by a protrusion a radially outward direction in the circumference disposed on the housing or the stator (4).

By comparison, Kimura et al discloses only recesses formed not by forming a recess in the outer circumferential surface of the stator 12, but by forming recesses in the inner circumferential surface of the of the circumferential wall of the housing 11 in order to create relatively large voids (col. 9, lines 34-46). This teaches away from the invention which aims to have a gap of the least possible size between the housing and the stator paragraphs [0006-0009]. Furthermore, Kimura et al lacks the recited structural arrangement of the transitions and the gaps, for example, having the gaps at the lowest point of the beads.

Kimura fails to anticipate the combination of the elements of the present stator assembly as required under 35 U.S.C 102(e). Therefore, it is respectfully requested that the rejection of the claims is withdrawn.

Reconsideration of the rejection of Claims 22-24 under 35 U.S.C. 103(a) as being unpatentable over Kimura et al in view of Kagwaguchi et al (US Patent 7,102,259) is respectfully requested.

Claims 22-24 are dependent from claim 11 and are directed to the axial length of the bead on the housing.

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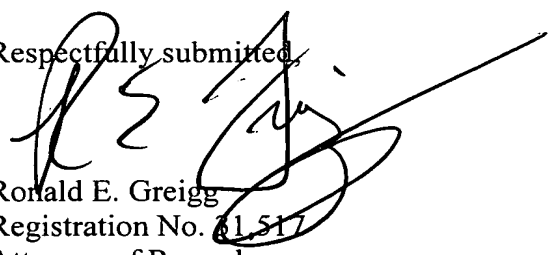
Kimura et al lacks a stator assembly wherein each at least one bead on the housing in the axial direction correspond to a length of the stator in the axial direction.

Kagwaguchi et al is relied upon for disclosing a stator assembly wherein each at least one bead on the housing in the axial direction correspond to a length of the stator in the axial direction. Applicants disagree that these features are shown in the reference and believe the examiner has incorrectly interpreted Kagwaguchi et al.

However, as the basis for this rejection depends upon combining Kimura et al in view of Kagwaguchi et al to disclose the elements of the brake system according to the invention, including the arrangement of the elements as recited in claim 11, the rejection is moot, as none of the references disclose or suggest when taken alone or together, the combination of the elements of the present stator assembly. Therefore, it is respectfully requested that the rejection of the claims be withdrawn.

Entry of the amendment is respectfully solicited.

Respectfully submitted,



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